

20020531.qrp v02_n572.qrl.20020531

Date: Fri, 31 May 2002 19:03:11 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2572

QRP-L Digest 2572

Topics covered in this issue include:

- 1) [127532] Bee Madness
by Russ Carpenter <russ@natworld.com>
- 2) [127533] Re: Bee Madness
by Howard W7ILW <howardw7ilw@earthlink.net>
- 3) [127534] WTT: NorCal QRPp issues
by Steve Smith <sigcom@juno.com>
- 4) [127535] C37 and the Epiphyte 3 - What's the Real Value?
by "Jim Dolson" <jdolson@iserv.net>
- 5) [127536] Re: NCmu20 "Manhattan Style"
by "Dave Fifield" <dave@redhotradio.com>
- 6) [127537] RF Sniffer circuit??
by BOB MASON <skydive@usa.net>
- 7) [127538] New page address correction
by BOB MASON <skydive@usa.net>
- 8) [127539] Eyeball QSO and Nice Lunch with Jim, AL7FS
by NB6M@aol.com
- 9) [127540] Re: RF Sniffer circuit??
by ve3ab@mail.mondenet.com
- 10) [127541] Swap/Sell
by "Francis Callahan" <colcal@srv.net>
- 11) [127542] RE: RF Sniffer circuit??
by John R Kirby <n3aaz-qrp@juno.com>
- 12) [127543] Re: Walking stick antenna?
by adamvaz@palm.net (Adam Vazquez)
- 13) [127544] HAMCOM -- YOU ARE INVITED!
by "w5tb" <w5tb@arrl.net>
- 14) [127545] W7ZOI/K7TAU Spectrum Analyzer
by "Mike Boatright" <ko4wx@mindspring.com>
- 15) [127546] RS 100uH RF Choke
by "Mike Boatright" <ko4wx@mindspring.com>
- 16) [127547] Re: RF Sniffer circuit??
by "Bob Tellefsen" <n6wg@earthlink.net>
- 17) [127548] Help Needed in Erie PA Area
by aluscre <aluscre@neo.rr.com>
- 18) [127549] Power supplies, Mic, sold
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 19) [127550] Re: RS 100uH RF Choke

- by "Mike Boatright" <ko4wx@mindspring.com>
- 20) [127551] Help With Antennas...
by "Karl Kanalz" <kkanalz@gcecispc.com>
- 21) [127552] 91 Bees!
by Russ Carpenter <russ@natworld.com>
- 22) [127553] Re: Eyeball QSO and Nice Lunch with Jim, AL7FS
by al7fs@pobox.alaska.net
- 23) [127554] Re: [Towertalk] Interference handbook
by Jeff Chambers <jeff.chambers@mindspring.com>
- 24) [127555] QHB subscription expiration list
by "George Heron N2APB" <n2apb@erols.com>
- 25) [127556] MetroWerks 'C' compiler & dev studio for HC908
by "George Heron N2APB" <n2apb@erols.com>
- 26) [127557] FREE one-year magazine subs engineering trade
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 27) [127558] Parts Needed
by "Jason Nochlin" <jman0iin@attbi.com>

Date: Thu, 30 May 2002 17:37:15 -0700
From: Russ Carpenter <russ@natworld.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [127532] Bee Madness
Message-ID: <B91C138F.F6F8%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I would like to pass along this little ditty, supplied to me in celebration of The Flight of the Bumblebees by Del Long, AD6WE.

Russ Carpenter, AA7QU
Contest Manager

There once was a young man named Beebee
Who wished to marry a lady named Phoebe
But first, said he, I must see what the preacher's fee be,
Before Pheoebe can become Pheobe Beebee.

Date: Thu, 30 May 2002 18:21:44 -0700
From: Howard W7ILW <howardw7ilw@earthlink.net>
To: <russ@natworld.com>,

Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [127533] Re: Bee Madness
Message-ID: <B91C1E38.CB43%howardw7ilw@earthlink.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

BUSY BEE

The little bee is a busy sole,
She has no time for birth control,
So that is why in time like these
We have so many "sons of bee".
(Amelia Carhart 20's) ?

Howard - W7ILW - Prescott, AZ

> I would like to pass along this little ditty, supplied to me in celebration
> of The Flight of the Bumblebees by Del Long, AD6WE.
>
> Russ Carpenter, AA7QU
> Contest Manager
>
> ***
>
> There once was a young man named Beebee
> Who wished to marry a lady named Phoebe
> But first, said he, I must see what the preacher's fee be,
> Before Pheoebe can become Pheobe Beebee.
>

Date: Thu, 30 May 2002 19:17:06 -0700
From: Steve Smith <sigcom@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [127534] WTT: NorCal QRPp issues
Message-ID: <20020530.191707.3640.1.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Trying to fill-in my collection (yes, I know about the bound volumes. I want the originals.)

Have for trade:

Summer '98: featuring Norcal 20
Autumn '98: Elmer 101 special issue
Winter '98: 2N2/40 special issue
Summer '99: Regen receivers special issue

Want any of the following:

Vol. II (1994) # 1,2 & 4
Vol. III (1995) # 3
Vol. IV (1996) # 1

TNX

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

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<http://dl.www.juno.com/get/web/>.

Date: Thu, 30 May 2002 22:42:37 -0400
From: "Jim Dolson" <jdolson@iserv.net>
To: <qrp-l@Lehigh.EDU>, "J. D. Spittle VE7QK" <jds@vcn.bc.ca>
Subject: [127535] C37 and the Epiphyte 3 - What's the Real Value?
Message-ID: <000f01c2084c\$d483f670\$a109e0d0@office>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been having a heck of a time getting the 9th harmonic of the L0 down to 4.074 MHz. I added a 33pf cap across the trimmer, but it only dropped the frequency by 4 KHz. At this rate, I'll have to add a couple hundred pf to get the trimmer to bottom out the L0 at 4.074MHz.

But wait!

C37 in the parts list is 1000pf. C37 on my board is 1000pf. However, C37

on the schematic is 1500 pf. Which is it supposed to be? I'm hoping 1500pf because that would explain my problem (one of them, anyway).

Please respond (or carbon-copy) jdolson@iserv.net because I get the list in digest form.

Thanks,

Jim
wb8zbd

Date: Thu, 30 May 2002 21:08:17 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: <jokortge@prodigy.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [127536] Re: NCmu20 "Manhattan Style"
Message-ID: <003f01c20858\$caeb55c0\$0400a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not to worry Jim - I am going to send Carel a set of matched 9MHz crystals and an AFA chip for his rig - it's a very worthy effort and the least I can do for the fellow.

Cheers,
Dave Fifield, AD6A
(father of the NC20 et al)

----- Original Message -----

From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
Subject: Re: NCmu20 "Manhattan Style"
(snip)

> WOW! What a splendid job you did building your NC-20. Bravo my
> friend. As nice of a Manhattan-style building job as I've ever
> seen, including my work, or Chuck Adams. Wish I could help you
> with the filter, but don't have any crystals on the frequency that
> you need.
(snip)

Date: Fri, 31 May 2002 00:39:39 -0400
From: BOB MASON <skydive@usa.net>
To: <qrp-1@Lehigh.EDU>
Subject: [127537] RF Sniffer circuit??
Message-ID: <20020531043939.17427.qmail@cmsweb26.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Greetingz and hallucinations,

I just finished building a real nice 10 db pad (well actually 9.62 dB) =
to
take the output of my K1 down a bit lower than otherwise possible.

Now I want to arrange it with a relay to switch the pad inline when
transmitting, and drop it for receive, thus getting rid of the pad. Can
anyone point me towards an RF sensing circuit that would work through the=

entire power range of the K1?

Also note my web page has moved to a new domain (finally broke down and
bought one.) Just in case anyone is interested.... probably not.

72

Bob WB8CAC

K1 #1150, QRP-ARCI 11116, FISTS 6970, CP-35, SHOE SIZE 10 1/2

<http://www.runswithscissors.us>

Date: Fri, 31 May 2002 00:45:20 -0400
From: BOB MASON <skydive@usa.net>
To: <qrp-1@LeHigh.EDU>
Subject: [127538] New page address correction
Message-ID: <20020531044520.5446.qmail@uwdvg008.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

So who said I could type... not me..

In my most previous post I mentioned my new home page address, the typed =
it
wrong (one two many Ws in WWW)

it's:

<http://www.runswithscissors.us>

Bob WB8CAC

Date: Fri, 31 May 2002 00:56:52 EDT
From: NB6M@aol.com
To: qrp-1@Lehigh.EDU
Subject: [127539] Eyeball QSO and Nice Lunch with Jim, AL7FS
Message-ID: <17.28f5d2fa.2a285c94@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

I had a really nice visit with Jim, AL7FS, today in El Sobrante, California.

It is always a pleasure to meet a fellow ham with whom you have had previous contacts on the air. It is even more of a pleasure to meet a fellow QRPer who is not only interested in QRP operating but is truly interested in building his gear and experimenting with new projects as well.

Jim, I appreciate the chance to meet you, and really enjoyed our eyeball QSO.

Good luck with your projects, and I am looking forward to seeing you again, and looking forward to many more contacts on the air.

Best 72/73

Wayne NB6M

Date: Fri, 31 May 2002 05:34:36 +0000
From: ve3ab@mail.mondenet.com
To: qrp-1@Lehigh.edu

Subject: [127540] Re: RF Sniffer circuit??
Message-ID: <200205310935.g4V9ZTR23258@genesis.dmz.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

In the newer handbooks and 1999 QST(one of them)..there was an article on a QRP AMPLIFIER using two IRF 511 type Mosfets. It used an RF sensing switch to activate the RELAY. Let me know if you want a scan of the article..I have it..and in fact..ive got the circuit breadboarded at least partially. 73 Earl VE3AB

Date: Fri, 31 May 2002 04:40:41 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [127541] Swap/Sell
Message-ID: <000501c2088f\$9dbab640\$56df070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking to swap or sell Icom 2710H 2 mtr 440 mbl with dual readouts dual controls for both bands 220 memories 3 pair of scan edges 50 subaudible tones DTMF memory encorder 8 channel 16 didget built in duplex. Out put power on 2 mtrs is 50wts 10wts 5wts output power on 440 is 35wts 10wts 5wts has extended recieve on 440 Looking for a small HF rig with 100 wts out. Have mike mbl mount power cordmanual and original packing for 2710H contact me direct or call 208 357 7431 Thanks Cal KF7ET

Date: Fri, 31 May 2002 06:57:54 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: skydive@usa.net, qrp-l@Lehigh.EDU
Subject: [127542] RE: RF Sniffer circuit??
Message-ID: <20020531.070145.-279545.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Bob,

Might be able to save you a bit of anxiety or

add to it depending on your build nobuild decision. . .

I too use a 10 dB pad
(one order of magnitude . . 5W down 10 dB is 0.5W)
between my XCVR (ICOM 706) and tuner (MFJ 971).
With VERY few exceptions I can not tell the difference
(attenuator IN or OUT) in receive mode.
The power meter on the tuner tells me
the attenuator is working in transmit mode.

Most times I can tell the difference while using a 20 dB pad.

Ant is 102 foot G5RV with 1:1 BALUN
between coax line from shack and 'balanced' antenna feed.

Just some FYI :>))

John
N3AAZ
FM 19 xa

From: BOB MASON <skydive@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Fri, 31 May 2002 00:39:39 -0400
Subject: RF Sniffer circuit??

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<http://www.runswithscissors.us>

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Date: Fri, 31 May 2002 08:32:05 -0400

From: adamvaz@palm.net (Adam Vazquez)

To: RDavis24@carolina.rr.com, qrp-1@Lehigh.EDU

Subject: [127543] Re: Walking stick antenna?

Message-ID: <20020531123205.64F2A4518@mo110uhou.palm.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

RDavis24@carolina.rr.com wrote on 5/27/02 11:34 am:

>Hello

>I need an antenna for my

>new FT-817 that I can take

>walking with me. Anyone

>have a good idea for 20 or

>40 meter vertical? I am

>going to get a pack for

>the rig and battery but im

>lost when it comes to a good

>antenna. Any help

>would be appreciated.

>Thanks

>Ronnie

>KE4VPN

>

Are you walking awhile you are operating or need a aerial you want to
breakdown?

W3FF has a (large) antenna on his site. The HFPack reflector has
others. You could just buy a Hamstick or Joey and install it on a
walking stick. Use a counterpoise, though.

Adam Kb2Jpd

Date: Fri, 31 May 2002 08:07:33 -0500

From: "w5tb" <w5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127544] HAMCOM -- YOU ARE INVITED!
Message-ID: <007701c208a4\$214f5060\$0300a8c0@alt1.tx.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Ham-Com 2002 <http://www.hamcom.org/>
June 7 - 8 is NEXT weekend.=20

As usual we have a fabulous speaker lineup, assorted QRP doorprizes, and =
four tables at one of the largest flea markets this side of Dayton (and =
ours is not only huge but air conditioned and rain proof!) We hope you =
will join us :)

SATURDAY SPEAKER LINEUP:
ROOM 9-10

Session 1 -- 9am

Title: Practical Antenna Theory and Design
Presenter: Rick Hiller, W5RH

Abstract:

A review of the many aspects of basic antenna theory, like resonance, =
feed impedance, standing waves, etc. and continuing with practical =
applications of this basic knowledge during the concept and design =
phases of the 'antenna farming' process. A detailed look at full wave =
loops will finish out the session.

Session 2 - 10am

Title: What Can You Do With A 10-Meter Pole
Presenter: Ed Manuel, N5EM

Abstract:

A discussion of different, practical antennas based on the use of the =
DK9SQ and MFJ 10-Meter telescoping pole. Antennas are discussed for all =
amateur bands from 160 meters to 70 cm. Emphasis is given on achieving =
good DX performance in a portable environment.

Session 3 - 1:30pm

Title : Getting Started In Antenna Modeling
Presenter: Ron Sparks, AG5RS

Abstract :

The personal computer revolution and the stealth aircraft program =
combined in the 1990's to bring incredible power to the average Ham. Now =
when it is miserable outside, we can sit comfortably inside and create =
antennas limited only by our imagination.

But with this power comes the confusion of how to start. Which software =
packages best meet your needs and budget? What do you do with them when =
they arrive? How can you tell a real answer from a bogus one? Why is =
building the antenna is different from modeling it?

This talk will strive to answer all of these questions by using real =
example antennas and typical software.

Session 4 - 2:30pm

Title : QRP Open Forum

Presenter: Joe Spencer, KK5NA and 'Doc' Drake W5TB

An informal question and answer session for discussion of anything =
relating to QRP construction and operating. Come have all your questions =
answered, and all your answers questioned!=20

HAMCOM Fleamarket

Friday, June 7, 2002 12:00 p.m. - 7:00 p.m. =20

Saturday, June 8, 2002 7:00 a.m. - 5:00 p.m. =20

This year we have got a GREAT location on the end of a section on the =
front (east) row. Tables are T1-2 and T19-20 =
<http://www.hamcom.org/infleamktlayout.pdf>

As usual -- ANY QRPer may bring a reasonable amount of QRP related gear =
to sell or show off. Please feel free!

We also need help in booth sitting so please come by and lend a hand =
when you can!

Anyone needing more info, hotel tips, or a ride from the airport can =
contact me. I hope we'll see YOU there!

72, 73, oo T.E. 'Doc' Drake, W5TB

Arlington, Texas

FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617=20

Date: Fri, 31 May 2002 09:42:24 -0400
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Cc: "Sam Billingsley" <sambillingsley@earthlink.net>
Subject: [127545] W7ZOI/K7TAU Spectrum Analyzer
Message-ID: <NFBBIILMKCMILGKAJMBLIEBGCFAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks again to all for the nice compliments and interest in my W7ZOI/K7TAU Spectrum Analyzer that won the Test Equipment category of the FDI building contest. I had a lot of help and encouragement, and want to particularly thank Sam Billingsley, AE4GX, who built his SA a couple of years ago, and who gave invaluable advice and let me compare my project to his as I progressed. Also, although I'll claim a certain cleverness about the construction of the enclosure, like most everything else in this hobby (right Mr. DeForest?) the idea came from Joe Everhart, N2CX's series of articles on a calibrated signal source in "QRP Quarterly."

One thing that I simply could not have done without was the extra pages of info from Wes, W7ZOI, and all of the photos of the different phases of construction. To that end, I have added photos and comments of my own, regarding construction of my own SA. If you are one of the lucky ones who bought a kit from Bill Kelsey, N8ET, (http://www.bright.net/~kanga/kanga/w7zoi_sa.htm), I hope that this info helps. If you're headed to Rochester this weekend, take a look, because this just might be the project you're looking for, and Bill said he'd be there...

Anyway, the photos and comments are in the Construction/Projects section of my QSL.net webpage (<http://www.qsl.net/ko4wx>). The direct URL to the Spectrum Analyzer stuff is:
<http://www.qsl.net/ko4wx/Construction/Projects/w7zoi-sa/index.html>.

73 de Mike, K04WX

Date: Fri, 31 May 2002 10:22:17 -0400
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [127546] RS 100uH RF Choke
Message-ID: <NFBBIILMKCMILGKAJMBLCEBICFAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anybody know the permeability of the Radio Shack 100uH RF Choke
(catalog #273-102)?

72 de Mike, K04WX

Date: Fri, 31 May 2002 08:36:58 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [127547] Re: RF Sniffer circuit??
Message-ID: <MABBJOEABOILMKCJCLFCMEMDDFAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob

You might check with Elecraft and see if there is a point in the circuit
that will
allow you to drive the switching relay from the T/R circuitry of the K1. It
might take an intermediate transistor to drive the relay.
We do this with the K2 just fine. I'll bet there is a pickoff point that
will do the same job for you.
73, Bob N6WG

Date: Fri, 31 May 2002 11:45:15 -0400
From: aluscre <aluscre@neo.rr.com>
To: qrp-1@Lehigh.EDU, fpqrp-1@mpna.com
Subject: [127548] Help Needed in Erie PA Area
Message-ID: <200205311545.g4VFj2Y00971@c1mboh1-smtp3.columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I write a monthly QRP column for ARRL website and recently was contacted
by one of my readers---

I have received a request for help from a ham couple in Erie, PA area.
Cynthia said she and her husband have acquired a TS-120 with no
operating manual and could use some assistance in learning to use it.

She said they currently have very limited resources so I hesitated to suggest she purchase a manual from the usual sources of older manuals. They also could use some assistant in dipole antenna planning and construction. Her goal is to get everything up and running in time to operate a QRP Field Day. If you have experience with TS-120 or have a spare manual or copy of manual please e-mail me and I will pass on your contact information to them.

Thank you for your assistance.

Date: Fri, 31 May 2002 11:44:57 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: "Ft817 mail group" <FT817@yahoogroups.com>,
"HF pack group" <hfpack@yahoogroups.com>,
Subject: [127549] Power supplies, Mic, sold
Message-ID: <6579C6377F475547985F0B3E426E1626328546@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

The power supplies and D104 are being spoken for now. The multimeter sale fell through, so I am going to keep it.

Marty Hartwell
AT&T Columbus Ohio
PH:614-501-2503

Date: Fri, 31 May 2002 11:45:49 -0400
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [127550] Re: RS 100uH RF Choke
Message-ID: <NFBBIILMKMIILGKAJMBLIEBICFAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the confusion...I meant permeability of the core. Anyway, found it on the Norcal Tuna Tin 2 page. 950u.

72 de Mike, K04WX

Date: Fri, 31 May 2002 10:59:48 -0500
From: "Karl Kanalz" <kkanalz@gcecisp.com>
To: <aluscre@neo.rr.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127551] Help With Antennas...
Message-ID: <NFBBKOMEFGJGEBABODPOAENFCEAA.kkanalz@gcecisp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Did you, by any chance, refer them to ARRL publications like "The Antenna Book" or the "Handbook"?

Regardless of their financial situation, they can obtain an operators' manual from Kenwood for their TS-120 for a reasonable cost, and it will be *much* better than anything they can obtain "from the web".

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: aluscre
Sent: Friday, May 31, 2002 10:45 AM
To: Low Power Amateur Radio Discussion
Subject: Help Needed in Erie PA Area

I write a monthly QRP column for ARRL website and recently was contacted by one of my readers---

I have received a request for help from a ham couple in Erie, PA area. Cynthia said she and her husband have acquired a TS-120 with no operating manual and could use some assistance in learning to use it. She said they currently have very limited resources so I hesitated to suggest she purchase a manual from the usual sources of older manuals. They also could use some assistant in dipole antenna planning and construction. Her goal is to get everything up and running in time to operate a QRP Field Day. If you have experience with TS-120 or have a spare manual or copy of manual please e-mail me and I will pass on your contact information to them.

Thank you for your assistance.

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.368 / Virus Database: 204 - Release Date: 5/29/02

Date: Fri, 31 May 2002 09:25:47 -0700

From: Russ Carpenter <russ@natworld.com>

To: QRP-L List <qrp-l@lehigh.edu>

Subject: [127552] 91 Bees!

Message-ID: <B91CF1BE.F70A%russ@natworld.com>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Here is the initial roster of Bees. These lucky men and women will enjoy one of ham radio's most joyful events, The Flight of the Bumblebees, on Sunday, July 28.

Want to join the fun? Check out the rules on the ARS Sojourner.

<http://www.natworld.com/ars>. Send Russ Carpenter, AA7QU, an email requesting Beehood. russ@natworld.com

Call	Name	Bee #
WA7LNW	Jack	1
N6XI	Rick	2
WD3P	Larry	3
W1PID	Jim	4
WU0H	Keith	5
K04WX	Mike	6
N4DD	Dennis	7
K4FB	Paul	8
WI8W	Thom	9
AE4GX	Sam	10
KC0IDI	Reid	11
WA4SQM	Ken	12
N0RC	Rod	20
W3BBO	Bob	14
VE3TEQ	Armin	15
NM5M	Eric	16
N6WG	Bob	17
K0EVZ	Doc	18

AB7RU	Mike	19
N0QT	Jan	13
KI0II	Ron	21
WB40FT	John	22
K1LGQ	Dennis	23
KQ6NO	Rick	24
W6AGS	Arth	25
K5HOY	Jo	26
N0JRN	Jerry	27
N2CQ	Ken	28
W8DIZ	Diz	29
N7SR	Steve	30
K7PX	Steve	31
AK7Y	Greg	32
N9AW	Jerry	33
WB6HQQ	Bart	34
VE3JC	John	35
KQ6DV	Tom	36
KW4JS	John	37
N7LT	Lyndel	38
N4BP	Bob	39
K6HB	Bill	40
WA6YSY	John	41
AF4B	Bill	42
N7CEE	Bruce	43
KK5NA	Joe	44
KE3FL	Phil	45
N0SXX	Gary	46
G0EZI	John	47
AC6KW	Jeff	48
N6GA	Cam	49
VA7NT	Paul	50
KG4MTN	Mike	51
NK9G	Rick	52
N2TO	Keven	53
KB9LCK	Chris	54
N0UR	Jim	55
NG8S	Marie	56
N6MM	Harvey	57
K1VP	Ed	58
AA5B	Bruce	59
W7PUA	Bob	60
K5IS	Jerome	61
N0TU	Steve	62
KA8MAV	Brice	63
K5HWT	Morgan	64
AC5K	Wes	65
AD4MZ	Bob	66

W0CH	Dave	67
VE3GWN	Ken	68
WA3HWY	Thomas	69
K3TW	Tom	70
VE5RC	Bruce	71
K7RVX	Michael	72
AD6WE	Del	73
W0KMG	Keith	74
AA1MY	Seabury	75
WA2OCG	Michael	76
WA4CIT	Randy	77
KD5LX	Bob	78
K4BYF	Jack	79
W3TW	Tom	80
G3CWI	Richard	81
W3ZMN	Conrad	82
K5TN	Wade	83
N3BJ	Alan	84
AF2QRP	Bob	85
WA9TZE	Jim	86
KC9LC	Randy	87
W1SWL	Dave	89
KG0MZ	John	90
W9HL	Randy	91

Date: Fri, 31 May 2002 09:55:00 -0700
 From: al7fs@pobox.alaska.net
 To: NB6M@aol.com, qrp-1@lehigh.edu
 Subject: [127553] Re: Eyeball QSO and Nice Lunch with Jim, AL7FS
 Message-ID: <845e289607.89607845e2@acsalaska.net>
 MIME-version: 1.0
 Content-type: text/plain; charset=us-ascii
 Content-language: en
 Content-transfer-encoding: 7BIT
 Content-disposition: inline

Hi Wayne,

You're too kind but I thank you for your thoughts. I really enjoyed seeing all of your homebrew, really homebrew rigs, and the amazing thing is that they work!! :-)) I found the dual band SWL40/20 rig to be very interesting as well as the 40/20 5 watt amplifier. I will be checking out all of your info including the SMK info on the Norcal

Website when I get back to Anchorage. Keep up the good work and keep posting to the NorCal site.

Take care,

Jim
Jim Larsen, AL7FS/6
mailto:al7fs@arrl.net
<http://www.qsl.net/al7fs/>

Date: Fri, 31 May 2002 11:32:48 -0600
From: Jeff Chambers <jeff.chambers@mindspring.com>
To: n2tk@arrl.net,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [127554] Re: [Towertalk] Interference handbook
Message-ID: <3CF7B3C0.CACFBAB6@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is this the one you are talking about? It is on KYES' web page.

<http://www.kyes.com/antenna/interference/tvibook.html>

73,
Jeff / KK7MQ
--

Build a mile of road, you can travel a mile.....
Build a mile of runway, you can travel the world!

Date: Fri, 31 May 2002 14:25:00 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>, "NJQRP" <njqrp@njqrp.org>,
"NoVAQRP" <NoVaQRP@topica.com>,
Subject: [127555] QHB subscription expiration list
Message-ID: <001d01c208d0\$7c964d80\$cbca9cce@GHLTP4>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As mentioned, QRP Homebrewer is in the final stages of printing and getting mailed. Iterations with the printer and limits to the volunteer team's bandwidth drag the mailing date out longer, but we do what we can do!

If you are wondering if your subscription has expired, you can check for your name on at http://www.njqrp.org/data/qhb_expirations.html ... if you're not on this list, your subscription has indeed expired and you will not receive QHB #8 being mailed immanently.

(The list is long, containing all those whose QHB subs have expired over the years, as well as those who just ordered a sample or two. You can easily search the list by using the "Find on this page" menu item under the EDIT button at the top of most browsers.)

It's a great issue again this time ... some highlight articles:

- Building the SOP Receiver a la Manhattan-style (KB3HMR)
- Build a Precision Crystal Oscillator (K8IQY)
- Build the PAC-12 Portable Vertical Antenna (KA5DVS)
- Build the Serial Sender Interface for your Palm PDA (NK0E)
- Build a Low Power Balun (W1CG)
- Low Pass Filters for QRP ((WB7AEI)
- The Re-Pete Tuner (K5QLF)
- and more!

If you need to renew your subscription ...
http://www.njqrp.org/data/qrp_homebrewer.html

Thanks.

73, George N2APB
n2apb@amsat.org
editor & publisher of QRP Homebrewer magazine
http://www.njqrp.org/data/qrp_homebrewer.html

Date: Fri, 31 May 2002 14:54:39 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>, "NoVaQRP" <NoVaQRP@topica.com>,
"NJQRP" <njqrp@njqrp.org>,
Subject: [127556] MetroWerks 'C' compiler & dev studio for HC908

Message-ID: <002501c208d4\$9f467900\$cbca9cce@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good news folks. In our continuing collaboratation with the fine Motorola people, we now have available for FREE download the substantial MetroWerks "CodeWarrior for HC908" Development Studio.

This integrated editor, 'C' compiler and debug tool suite will allow you to develop code specifically for the 68HC908 processor that we're using in the Digital QRP Breadboard project, as described in my last three columns in QRP Quarterly.

And, as many of you know, the HC908 Daughtercard "brains" of that project is also being used in the Antenna Analyzer project that N2CX and I presented at the FDIW QRP weekend last month. Further, the HC908 Daughtercard is being used in several other projects that haven't yet hit the publishing stands. (Due in July.)

So what this all means is that if you are considering homebrewing along with us on these HC908 projects, you now have a very powerful development tool provided by the friendly people at Motorola ... free for the download.

You can download the big installation program (about 140 MB), and the enabling license, at:
http://e-www.motorola.com/webapp/sps/site/prod_summary.jsp?code=CWSEHC08&nodeId=01M938645538449#boards

(Just individually paste the two halves of this long address into your browser and it'll work.)

Per instructions on that page, you can alternatively order the CodeWarrior development package on a CD-ROM that can be delivered by mail.

Of course, you don't *need* CodeWarrior in order to use the HC908 projects we're doing, but only if you intend on developing some customized software for the projects.

Those QRPers building the project along with us at the Digital Breadboard page (<http://www.njqrp.org/digitalhomebrewing>) only need to be building up the circuits and downloading the software we provide on the website. We're doing the hard part for you -- that is, we're doing the software programming of all the neat functions like DDS VFO, voltmeter, frequency counter, SWR measurements, etc.

Further yet ... you don't even need special programming hardware to get the

new programs into your HC908 Daughtercard. The project is designed to be able to send new programs to the daughtercard and it then burns its own Flash memory all by itself.

(For those who have ordered, the HC908 Daughtercard is just about ready to be shipped ... thanks for your patience, as we want to ensure that this heart of all our projects is done right.)

We have many plans going forward with the HC908 Daughtercard too ... One of them is a custom "interpreter" that will allow you to connect an RS-232 terminal (or a PC) to the card and command it by typing specialized BASIC-like instructions. In this way, you can set DDS VFO scanning limits with START SCAN = 3.5, and END SCAN = 3.8, and then command a sweep of the 80m band by typing SCAN. Other operations for the voltmeter, frequency meter, SWR readings, etc. are likewise intuitively obvious. Fun times are ahead!

Let me know if you have any questions, and stay in touch with the Breadboard project on the DQH web pages.

73, George N2APB
n2apb@amsat.org

Date: Fri, 31 May 2002 14:18:21 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-l@Lehigh.EDU>
Subject: [127557] FREE one-year magazine subs engineering trade
Message-ID: <000501c208d7\$edec1c60\$4e100a0a@rohredt2000>

>From time to time, a number of us have mentioned that the ham inventor might do well to have a few of the electronic trade magazines as a source of circuit ideas, projects, and tutorials on theory of the wireless and especially new technology. Here is a web site which brings many of these together for your ease of picking and choosing.
Enjoy!-Stuart K5KVH

<http://verticalnet.tradepub.com/main/main.html>

Date: Fri, 31 May 2002 16:42:01 -0600
From: "Jason Nochlin" <jman0iin@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [127558] Parts Needed
Message-ID: <000901c208f4\$6196a420\$6401a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I need the following parts to complete a power supply I am building:

1 LM338K 1.2 to 30 volt 5 amp Regulator

1 10000uf or 14000uf capacitor

1 24 volt 5 amp Transformer

If you have any of these you don't need please send me an e-mail with the price and shipping info.

72,

Jason K0IIN

End of QRP-L Digest 2572

